

CLAIMS

What is claimed is:

5       1. An electronic device comprising a tubular shaped carbon molecule supported by a substrate, which molecule is provided with source and drain electrodes, as well as a gate electrode, wherein the gate electrode is a metallic electrode.

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2. The electronic device according to claim 1, wherein the metallic electrode has a surface layer of oxide.

15       3. The electronic device according to claim 1, wherein the metallic electrode is selected from the group consisting of aluminium, zinc and copper.

4. The electronic device according to claim 3, wherein the metallic electrode is an aluminium electrode.

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5. The electronic device according to claim 2, wherein the surface layer of oxide comprises a native oxide.